BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Applied Science Pearson BTEC International Level 3 Diploma in Applied Science Pearson BTEC International Level 3 Diploma in Biomedical Science Pearson BTEC International Level 3 Diploma in Environmental Science Pearson BTEC International Level 3 Extended Diploma in Applied Science Pearson BTEC International Level 3 Extended Diploma in Biomedical Science Pearson BTEC International Level 3 Extended Diploma in Environmental Science
Unit number and title	**Unit 5: Principles and Applications of Biology II**
Learning aim(s)	**B:** Understand the effects of physiological diseases and disorders and associated treatments
Assignment title	**Effects of physiological diseases, disorders and their treatments**
Assessor	
Issue date	
Hand in deadline	

Vocational Scenario or Context	You are planning to train and qualify for a career in nursing. In preparation for this, you have gained a work experience placement in your local hospital where you will have the opportunity to work-shadow general nurses. At the end of your work experience, you must present reports that explain, analyse and evaluate the causes and effects of two physiological diseases and disorders and their associated treatments.

Task	● Your report you must **evaluate** the effects and treatments of current interventions for each of the **two** chosen physiological diseases/disorders. Evaluate how the treatments are similar in the way they work, the effects on the body, the nature and extent of any undesirable effects and what alternatives are available. You must support your judgements by referring to reliable evidence, including data and other information from secondary sources. ● The effects of the treatments and therapies associated with each of your **two** chosen diseases/disorders must be **analysed**. You must consider the effects of the interventions. This will include positive and negative aspects of treatments and the potential risks in relation to benefits. ● You must **explain** the causes and effects of **two** physiological diseases or disorders from cancer, coronary heart disease (CHD) and diabetes. Include **explanations** of how specific biological molecules are involved in the disruption of good health and the manifestation of the signs and symptoms of the diseases or disorders.

	Correct scientific terminology must be used and sources must be referenced.
Checklist of evidence required	The evidence you produce must include: ● An evaluation of the effects of treatments and therapies used for **two** physiological diseases/disorders. ● An analysis of the effects of current treatments and therapies related to **two** physiological diseases/disorders. ● An explanation of the effects of **two** physiological diseases/disorders.

Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria, you must show that you are able to:
B.D2	Evaluate the effects and treatments of physiological diseases and disorders.
B.M2	Analyse the associated effects of treatments of physiological diseases and disorders on the body.
B.P3	Explain the effects of physiological diseases and disorders.
Sources of information to support you with this Assignment	https://www.nhs.uk/conditions/cancer/ https://www.medicalnewstoday.com/articles/323648.php#treatments https://www.medicalnewstoday.com/articles/184130.php#symptoms https://www.webmd.com/heart-disease/guide/heart-disease-coronary-artery-disease#1 https://www.nhs.uk/conditions/diabetes/ https://www.diabetes.org.uk/diabetes-the-basics/diabetes-treatments
Other assessment materials attached to this Assignment Brief	e.g. work sheets, risk assessments, case study